

Remarks:

Claims 1-8 remain for consideration in this application for reissue along with newly added claims 9-19.

The '566 patent has not been assigned and is presently owned by the original applicant noted above. Therefore, no consent of assignee statement is being filed in connection with this reissue application.

Claim 1 has been amended to correct a typographical error present in the original patent. The word "enrages" as appearing in line 21 of original claim 1 has been amended to read "engages". Again, this is merely a typographical error and does not constitute the introduction of new matter.

Claims 2-7 remain as originally patented.

Claim 8 has been amended to include additional limitation that the locking bar presents a protruding portion which extends transversely from the longitudinal axis of the locking bar. The key protruding surface engages the locking bar protruding portion when the key is inserted in the keyway of the cylinder lock. In all other respects, claim 8 remains as originally patented. Newly added claim 9 is dependent upon claim 8 and further limits the key of claim 8.

Newly added independent claims 10, 12, 13, 14, and 17 are all based on originally patented claim 8, and include at least one additional limitation. Claim 10 includes the limitation of the locking bar presenting a finger portion proximate the aft end thereof and extending transversely from the longitudinal axis of the locking bar. Claim 12 includes the limitation of a spring for biasing the locking bar in the slot, the spring being received in a hollow chamber formed in the locking bar. Claim 13 includes the limitation of a retainer cap secured to the cylinder plug proximate the lock shell rear end. The retainer cap has a notch formed therein for receiving at least a portion of the locking bar when the key is inserted in the keyway of the cylinder lock to permit rotation of the cylinder plug.

Claim 14 contains the added limitation that the secondary locking bar presents a pair of sidewall sections that are substantially parallel to the longitudinal axis of the bar. Claim 17 contains the additional limitations that the bow of the key presents a pair of outer side margins and that the protruding surface of the key does not extend beyond those outer side margins. Claims 18 and 19 depend from claim 17 and add the additional structures that the protruding surface is spaced from the bow and the distance between the key blade side margins is less than the distance between the key outer side margins.

Newly added dependent claim 11 further limits claim 10 by adding additional structural features such as a lock shell and a cylinder plug. Dependent claim 15 further limits claim 14 by adding the additional structure of a portion protruding from the locking bar and extending transversely from the longitudinal axis thereof.

New independent claim 16 is based on originally patented claim 5 and includes the additional limitations that the key presents a pair of outer side margins proximate the bow and that the protruding surface does not extend beyond the key outer side margins.

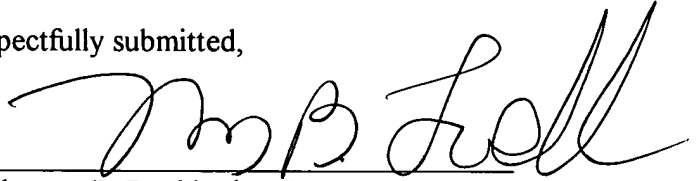
Applicant is also submitting herewith an Information Disclosure Statement in accordance with Applicant's duty of candor. The IDS contains three German references which were not cited in the prosecution of the original application from which U.S. Patent No. 5,615,566 issued. The references, generally disclose a conventional cylinder lock having a secondary lock mechanism. However, the German references do not disclose all of the features of original claims 1-7, amended claim 8 or new reissue claims 9-19, particularly those features described above.

Applicant respectfully requests that the foregoing amendments be entered. Furthermore, Applicant submits that a Notice of Allowance appears to be in order and courteously solicits the same.

Any fee which is due in connection with this Reissue Amendment should be applied against  
our Deposit Account No. 19-0522.

Respectfully submitted,

By

A handwritten signature in black ink, appearing to read 'T B Luebbering', written over a horizontal line.

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ATTORNEYS FOR APPLICANT(S)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

BRANDT, Greg N.

Reissue of Patent No. 5,615,566

Issued: April 1, 1997

CYLINDER LOCK AND KEY

Docket No. 24006-RE

Group Art Unit No.

Examiner:

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Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

STATEMENT OF STATUS AND SUPPORT FOR CLAIMS

Pursuant to 37 CFR § 1.173(c), the following is a statement of the status and support for the claims presented in the concurrently filed reissue application. Claims 1-19 are pending in the application.

Claims 2-7 remain as originally patented in U.S. Patent No. 5,615,566 without any amendment.

Claims 1 and 8 have been amended by the Reissue Amendment filed herewith. While the amendment to claim 8 has added a substantive limitation to the claim, the amendment to claim 1 merely corrects a typographical error present in the original patent. Therefore, claims 1-7 essentially remain as originally patented.

Claims 9-19 have been added to the present application.

The following sets forth exemplary support for the limitations of claims 8-19 with reference to the column and line number of Patent No. 5,615,566. New independent claims 10, 12, 13, 14, and

17 are based largely upon original claim 8 and new independent claim 16 is based largely upon original claim 5. Support for all claim preambles may be found in original claims 5 or 8 and will not be restated below.

<i><b>Claim Limitation</b></i>	<i><b>Support</b></i>
<b>Claim 8.</b>	
"a cylinder lock including..."	Original claim 8; col. 2, ll. 30-33; Fig. 9
"said locking bar presenting a protruding portion..."	Fig. 19; col. 6, ll. 16-22.
"a key for operating said cylinder lock..."	Original claim 8; col. 6, ll. 29-31.
"said key blade including a proximal end..."	Original claim 8; Fig. 2; Fig. 16.
"a distal end"	Original claim 8; Fig. 2; Fig. 16.
"a pair of opposed edges..."	Original claim 8; Fig. 2; Fig. 16.
"a pair of side margins..."	Original claim 8; Fig. 2; Fig. 16.
"one of said side margins including a protruding surface..."	Original claim 8; col. 6, ll. 16-22
"said key protruding surface engaging said locking bar protruding surface..."	Figs. 8-10; col. 6, ll. 29-34.
<b>Claim 9.</b>	
"said bow presenting a pair of outer side margins..."	Figs. 13-15.
<b>Claim 10.</b>	
"a cylinder lock including..."	Original claim 8; col. 2, ll. 30-33; Fig. 9
"said locking bar presenting a finger portion proximate the rear end..."	Figs. 8-10; col. 5, ll. 32-37.

“a key for operating said cylinder lock...”	Original claim 8; col. 6, ll. 29-31.
“said key blade including a proximal end...”	Original claim 8; Fig. 2; Fig. 16.
“a distal end”	Original claim 8; Fig. 2; Fig. 16.
“a pair of opposed edges...”	Original claim 8; Fig. 2; Fig. 16.
“a pair of side margins...”	Original claim 8; Fig. 2; Fig. 16.
“one of said side margins including a protruding surface...”	Original claim 8; Fig. 2, Fig. 16.
<b>Claim 11.</b>	
“a lock shell presenting front and rear ends, and”	Col. 4, ll. 5-7.
“a cylinder plug rotatably positioned in said lock shell”	Col. 4, ll. 5-7.
“said lock shell having a notch formed therein...”	Col. 4, ll. 15-17; col. 5, ll. 40-45.
<b>Claim 12.</b>	
“a cylinder lock including...”	Original claim 8; col. 2, ll. 30-33; Fig. 9; col. 5, ll. 60-62.
“said locking bar presenting a hollow chamber...”	Col. 5, ll. 60-62.
“a key for operating said cylinder lock...”	Original claim 8; col. 6, ll. 29-31.
“said key blade including a proximal end...”	Original claim 8; Fig. 2; Fig. 16.
“a distal end”	Original claim 8; Fig. 2; Fig. 16.
“a pair of opposed edges...”	Original claim 8; Fig. 2; Fig. 16.
“a pair of side margins...”	Original claim 8; Fig. 2; Fig. 16.
“one of said side margins including a protruding surface...”	Original claim 8; col. 2, ll. 41-45.

<b>Claim 13.</b>	
“a cylinder lock including...”	Original claim 8; col. 2, ll. 30-33; Fig. 9; col. 2, ll. 18-23; col. 4, ll. 37-43.
“a key for operating said cylinder lock...”	Original claim 8; col. 6, ll. 29-31.
“said key blade including a proximal end...”	Original claim 8; Fig. 2; Fig. 16.
“a distal end”	Original claim 8; Fig. 2; Fig. 16.
“a pair of opposed edges...”	Original claim 8; Fig. 2; Fig. 16.
“a pair of side margins...”	Original claim 8; Fig. 2; Fig. 16.
“one of said side margins including a protruding surface...”	Original claim 8; col. 2, ll. 41-45.
“said retainer cap having a notch formed therein...”	Col. 6, ll. 9-15; col. 2, ll. 35-39;
<b>Claim 14.</b>	
“a cylinder lock including...”	Original claim 8; col. 2, ll. 30-33; Fig. 9
“said secondary locking bar presenting a pair of sidewall sections...”	Figs. 6-7 and 19
“a key for operating said cylinder lock...”	Original claim 8; col. 6, ll. 29-31.
“said key blade including a proximal end...”	Original claim 8; Fig. 2; Fig. 16.
“a distal end”	Original claim 8; Fig. 2; Fig. 16.
“a pair of opposed edges...”	Original claim 8; Fig. 2; Fig. 16.
“a pair of side margins...”	Original claim 8; Fig. 2; Fig. 16.
“one of said side margins including a protruding surface...”	Original claim 8; col. 2, ll. 41-45.

<b>Claim 15.</b>	
“the locking bar presenting a protruding portion extending...”	Fig. 19; col. 6, ll. 16-22.
<b>Claim 16.</b>	
“a bow presenting a pair of outer side margins”	Original claim 5; col. 6, ll. 30.
“an elongated key blade including a proximal end...”	Original claim 5; col. 6, ll. 30-35; Figs. 13-15.
“a distal end”	Original claim 5; Fig. 13-16.
a pair of opposed edges extending between said proximal and distal ends”	Original claim 5; Fig. 13-16.
“a pair of side margins interconnecting said edges”	Original claim 5; Fig. 13-16.
“one of said side margins including a protruding surface...”	Original claim 5; col. 6, ll. 16-22
“said protruding surface not extending beyond said key outer side margins.”	Figs. 13-14.
<b>Claim 17.</b>	
“a cylinder lock including...”	Original claim 8; col. 2, ll. 30-33; Fig. 9
“a key for operating said cylinder lock...”	Original claim 8; col. 6, ll. 29-31.
“said key blade including a proximal end...”	Original claim 8; Fig. 2; Fig. 16.
“a distal end”	Original claim 8; Fig. 2; Fig. 16.
“a pair of opposed edges...”	Original claim 8; Fig. 2; Fig. 16.
“a pair of side margins...”	Original claim 8; Fig. 2; Fig. 16.
“one of said side margins including a protruding surface...”	Original claim 8; col. 6, ll. 16-22
"said bow presenting a pair of outer side margins"	Figs. 13-14.



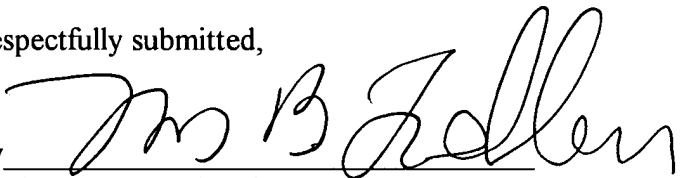
"said protruding surface not extending beyond said bow outer side margins."	Figs. 13-15.
<b>Claim 18.</b>	
"said protruding surface being spaced from said bow"	Figs. 13-15.
<b>Claim 19.</b>	
"the distance between said key blade side margins being less than the distance between said bow outer side margins."	Figs. 13-14.

The amendments to the claims are explained in further detail in the accompanying Reissue Amendment filed herewith.

Any fee which is due in connection with this Statement of Status and Support for Claims should be applied against our Deposit Account No. 19-0522.

Respectfully submitted,

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